

S. aureus- Putative coding regions of novel proteins not similar to known proteins

+	-----+	+	-----+	+	-----+
	Contig		ORF		Start Stop
	ID		ID		(nt) (nt)
+	-----+	+	-----+	+	-----+
	4		1		1234 692
+	-----+	+	-----+	+	-----+
	4		3		1712 2278
+	-----+	+	-----+	+	-----+
	4		4		3703 3032
+	-----+	+	-----+	+	-----+
	4		14		13073 12585
+	-----+	+	-----+	+	-----+
	5		2		2539 1601
+	-----+	+	-----+	+	-----+
	5		3		1532 1771
+	-----+	+	-----+	+	-----+
	5		7		4741 4550
+	-----+	+	-----+	+	-----+
	5		9		7939 6422
+	-----+	+	-----+	+	-----+
	5		12		8711 8547
+	-----+	+	-----+	+	-----+
	6		4		2359 1982
+	-----+	+	-----+	+	-----+
	8		1		349 176
+	-----+	+	-----+	+	-----+
	11		8		5144 5983
+	-----+	+	-----+	+	-----+
	11		9		5968 6498
+	-----+	+	-----+	+	-----+
	11		10		6472 6284
+	-----+	+	-----+	+	-----+
	11		16		10954 11271
+	-----+	+	-----+	+	-----+
	12		5		5352 4942
+	-----+	+	-----+	+	-----+
	12		6		4596 4862
+	-----+	+	-----+	+	-----+

Table 3

	15		3		1895		1650		+
+	-----	+	-----	+	-----	+	-----	+	
	16		10		11263		10835		+
+	-----	+	-----	+	-----	+	-----	+	
	18		2		1093		917		+
+	-----	+	-----	+	-----	+	-----	+	
	20		9		9125		7764		+
+	-----	+	-----	+	-----	+	-----	+	
	20		10		8571		8230		+
+	-----	+	-----	+	-----	+	-----	+	
	20		12		9201		8803		+
+	-----	+	-----	+	-----	+	-----	+	
	20		13		12158		10470		+
+	-----	+	-----	+	-----	+	-----	+	
	23		1		674		339		+
+	-----	+	-----	+	-----	+	-----	+	
	23		6		6138		5485		+
+	-----	+	-----	+	-----	+	-----	+	
	23		8		6376		5942		+
+	-----	+	-----	+	-----	+	-----	+	

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+	-----+	-----+	-----+	-----+	-----+			
	Contig	ORF		Start		Stop		
	ID		ID		(nt)		(nt)	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	
	23		9		7651		6881	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	
	23		15		12618		12830	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	
	24		4		4556		4185	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	
	24		6		5642		5241	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	
	25		2		1824		240	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	
	31		2		505		849	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	
	31		3		1177		1524	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	
	31		4		2454		3005	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	
	32		2		765		1388	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	
	32		9		7952		8575	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	
	32		10		8591		8728	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	
	32		11		9738		9379	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	
	32		12		10797		10087	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	
	34		2		1315		1049	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	
	36		7		5226		5801	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	
	36		11		7575		7261	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	
	36		12		7424		7621	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	

Table 3

	37		4		3158		2964	
+	-----+	+	-----+	+	-----+	+	-----+	+
	38		2		1585		980	
+	-----+	+	-----+	+	-----+	+	-----+	+
	38		11		6425		6868	
+	-----+	+	-----+	+	-----+	+	-----+	+
	38		20		16982		16371	
+	-----+	+	-----+	+	-----+	+	-----+	+
	38		26		20253		20804	
+	-----+	+	-----+	+	-----+	+	-----+	+
	38		27		20722		21264	
+	-----+	+	-----+	+	-----+	+	-----+	+
	39		1		1		627	
+	-----+	+	-----+	+	-----+	+	-----+	+
	40		1		805		404	
+	-----+	+	-----+	+	-----+	+	-----+	+
	43		1		796		428	
+	-----+	+	-----+	+	-----+	+	-----+	+
	44		4		2674		2324	
+	-----+	+	-----+	+	-----+	+	-----+	+

Table 3

S. aureus- Putative coding regions of novel proteins not similar to known proteins

Config	ORF	Start	Stop
ID	ID	(nt)	(nt)
44	5	2484	3263
44	14	10587	10129
44	20	13724	13536
44	21	13596	13994
45	7	6575	6297
46	8	6365	6520
46	12	10449	10976
46	17	15032	15424
47	1	288	1079
48	9	7620	7778
50	1	1612	962
50	2	1621	1316
51	1	738	370
51	5	2520	2245
53	1	442	287
53	7	6705	6319
54	7	9014	8709

Table 3

	55		1		592		326	
+	-----	+	-----	+	-----	+	-----	+
	55		3		1052		786	
+	-----	+	-----	+	-----	+	-----	+
	56		1		1		261	
+	-----	+	-----	+	-----	+	-----	+
	56		3		1551		1228	
+	-----	+	-----	+	-----	+	-----	+
	56		4		1970		1560	
+	-----	+	-----	+	-----	+	-----	+
	56		17		19092		18712	
+	-----	+	-----	+	-----	+	-----	+
	57		4		3694		3521	
+	-----	+	-----	+	-----	+	-----	+
	57		8		5436		5822	
+	-----	+	-----	+	-----	+	-----	+
	58		9		8885		8553	
+	-----	+	-----	+	-----	+	-----	+
	59		3		1366		1509	
+	-----	+	-----	+	-----	+	-----	+

Table 3

S. aureus - Putative coding regions of novel proteins not similar to known proteins

Contig	ORF	Start	Stop
ID	ID	(nt)	(nt)
59	6	3026	2802
59	7	3770	3570
59	9	4946	4563
59	11	7518	8378
59	13	14001	16403
62	2	2696	1521
62	11	5440	5757
63	1	1	336
67	1	900	1781
67	2	1774	2610
67	3	2591	3904
67	8	7110	6955
68	1	78	326
70	6	6761	5199
70	11	8935	8645
77	3	1590	1192
79	2	1509	1228

Table 3

	79		3		1411		1791	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	83		1		2		403	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	85		9		8300		8653	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	85		10		8969		8781	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	86		3		1426		1232	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	87		8		9187		9366	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	88		3		1620		1922	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	89		1		3		161	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	89		7		5042		4878	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	91		1		1098		550	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	-----+

Table 3

S. aureus - Putative coding regions of novel proteins not similar to known proteins

Contig	ORF	Start	Stop
ID	ID	(nt)	(nt)
91	3	3938	3141
92	2	449	928
92	3	1958	1467
92	9	5638	6024
94	1	661	332
94	3	2445	1813
94	4	2583	2197
96	11	10601	11050
99	6	4672	4523
99	7	5014	4784
100	8	7658	7287
102	7	4697	4368
103	3	2496	2035
104	1	2	694
104	2	699	1277
105	1	1235	693
105	3	3233	2655

Table 3

	106		1		3		221	
+	-----	+	-----	+	-----	+	-----	+
	106		3		1209		1355	
+	-----	+	-----	+	-----	+	-----	+
	107		1		1081		542	
+	-----	+	-----	+	-----	+	-----	+
	109		4		4025		3651	
+	-----	+	-----	+	-----	+	-----	+
	109		13		11625		11996	
+	-----	+	-----	+	-----	+	-----	+
	109		14		11981		12268	
+	-----	+	-----	+	-----	+	-----	+
	109		20		17401		17688	
+	-----	+	-----	+	-----	+	-----	+
	110		1		2		760	
+	-----	+	-----	+	-----	+	-----	+
	114		10		8764		9384	
+	-----	+	-----	+	-----	+	-----	+
	116		1		1		309	
+	-----	+	-----	+	-----	+	-----	+

Table 3

S. aureus- Putative coding regions of novel proteins not similar to known proteins

Contig	ORF	Start	Stop
ID	ID	(nt)	(nt)
116	3	6273	4462
116	8	11049	9976
116	9	10313	10158
120	5	3703	3320
120	6	4270	3869
120	13	9290	9844
121	2	417	569
126	3	1090	818
127	3	2648	3196
127	5	4084	4395
131	6	6773	6438
132	2	715	1695
134	1	2	667
135	2	512	258
135	3	1124	729
138	1	3	152
138	7	6008	6463

Table 3

	140		1		2060		1032	
+	-----+	+	-----+	+	-----+	+	-----+	+
	140		2		2019		1513	
+	-----+	+	-----+	+	-----+	+	-----+	+
	140		5		2387		2743	
+	-----+	+	-----+	+	-----+	+	-----+	+
	142		2		136		2388	
+	-----+	+	-----+	+	-----+	+	-----+	+
	142		7		8830		7586	
+	-----+	+	-----+	+	-----+	+	-----+	+
	143		7		7290		6502	
+	-----+	+	-----+	+	-----+	+	-----+	+
	144		1		1227		640	
+	-----+	+	-----+	+	-----+	+	-----+	+
	146		1		2		511	
+	-----+	+	-----+	+	-----+	+	-----+	+
	146		3		502		1350	
+	-----+	+	-----+	+	-----+	+	-----+	+
	146		4		3673		2540	
+	-----+	+	-----+	+	-----+	+	-----+	+

Table 3

S. aureus- Putative coding regions of novel proteins not similar to known proteins

Contig	ORF	Start	Stop
ID	ID	(nt)	(nt)
146	5	2874	3071
147	1	1	339
149	11	3956	3615
149	12	4036	3785
149	13	4507	4145
149	15	4807	4610
149	16	5495	5049
149	18	5739	5491
149	21	7416	7054
149	23	9216	8521
149	24	9681	9106
149	25	10679	9897
150	2	2303	1587
154	3	1795	1508
154	8	6586	6398
154	14	12704	12147
154	15	13531	12803

Table 3

	156		1		315		593	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	157		3		1183		2232	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	158		2		1471		1064	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	159		3		452		808	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	161		2		876		1808	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	161		6		4653		4279	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	161		7		4803		4540	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	161		8		4896		4717	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	161		11		5817		5638	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	163		2		1604		840	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+

Table 3

S. aureus- Putative coding regions of novel proteins not similar to known proteins

Contig	ORF	Start	Stop	ID	ID	(nt)	(nt)
163	5	2796	2344	163	7	2952	2647
163	9	4905	5132	164	3	1338	1147
166	3	5213	4854	168	4	2500	2868
168	5	3595	4158	170	3	2517	2777
171	2	2277	1450	171	11	12576	11125
172	1	3	278	172	2	1940	1149
173	1	1289	708	173	5	7001	6114
174	2	593	1105	175	3	2552	2890
175	5	3820	3335				

Table 3

175	7	4342	4506	
+-----+	+-----+	+-----+	+-----+	+
182	4	5477	4986	
+-----+	+-----+	+-----+	+-----+	+
184	5	6043	5702	
+-----+	+-----+	+-----+	+-----+	+
188	2	1210	1755	
+-----+	+-----+	+-----+	+-----+	+
188	4	2647	2994	
+-----+	+-----+	+-----+	+-----+	+
189	6	2614	3039	
+-----+	+-----+	+-----+	+-----+	+
190	3	1998	2564	
+-----+	+-----+	+-----+	+-----+	+
191	1	1	153	
+-----+	+-----+	+-----+	+-----+	+
191	2	950	669	
+-----+	+-----+	+-----+	+-----+	+
191	10	11786	13039	
+-----+	+-----+	+-----+	+-----+	+

Table 3

S. aureus- Putative coding regions of novel proteins not similar to known proteins

Contig	ORF	Start	Stop
ID	ID	(nt)	(nt)
191	11	12902	12363
192	1	91	426
195	3	2306	1932
195	5	2899	2606
198	2	1016	1591
201	1	170	625
203	2	783	1466
206	6	8930	7815
06	12	13947	13636
206	21	28208	27960
212	2	170	817
212	3	796	1167
212	7	3128	3436
212	9	3749	4075
213	1	1	705
214	2	1076	570
24	6	4064	3738

Table 3

	214		9		6600		6995	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	214		10		7864		7469	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	217		1		1927		965	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	218		1		178		657	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	218		3		1776		2156	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	220		2		1851		1369	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	220		3		3251		2262	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	20		7		8275		7208	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	220		8		10244		8661	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	220		9		11796		10216	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	-----+

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S. aureus - Putative coding regions of novel proteins not similar to known proteins

+	-----+	+	+	-----+	+	+		
	Contig		ORF		Start		Stop	
	ID		ID		(nt)		(nt)	
+	-----+	+	+	-----+	+	+		
	221		4		3095		2613	
+	-----+	+	+	-----+	+	+		
	221		9		11428		10757	
+	-----+	+	+	-----+	+	+		
	226		1		3		659	
+	-----+	+	+	-----+	+	+		
	226		2		2196		1459	
+	-----+	+	+	-----+	+	+		
	226		3		1476		1961	
+	-----+	+	+	-----+	+	+		
	227		1		2		487	
+	-----+	+	+	-----+	+	+		
	227		2		460		975	
+	-----+	+	+	-----+	+	+		
	227		4		1855		12121	
+	-----+	+	+	-----+	+	+		
	227		5		2052		2345	
+	-----+	+	+	-----+	+	+		
	227		6		4760		3768	
+	-----+	+	+	-----+	+	+		
	227		9		5591		6367	
+	-----+	+	+	-----+	+	+		
	228		5		2503		2877	
+	-----+	+	+	-----+	+	+		
	228		6		2846		3526	
+	-----+	+	+	-----+	+	+		
	233		7		3944		3762	
+	-----+	+	+	-----+	+	+		
	236		2		809		579	
+	-----+	+	+	-----+	+	+		
	238		2		1975		1391	
+	-----+	+	+	-----+	+	+		
	239		2		1417		905	
+	-----+	+	+	-----+	+	+		

Table 3

	241		5		4495		4334	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	242		2		1677		1363	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	243		1		127		576	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	244		1		1291		647	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	244		2		3035		1962	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	245		2		1614		1258	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	246		1		69		215	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	246		4		738		1733	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	249		3		3906		3712	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	250		1		494		249	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+

Table 3

S. aureus- Putative coding regions of novel proteins not similar to known proteins

Contig	ORF	Start	Stop
ID	ID	(nt)	(nt)
254	1	1	156
256	2	956	1144
257	3	3700	3227
260	4	4906	4580
261	4	2196	2606
261	6	3214	3681
264	2	155	439
264	5	5252	4533
264	6	4739	5107
267	2	1323	931
268	4	5140	4700
272	1	862	461
272	3	1200	1439
272	9	4691	4909
272	10	6469	6035
276	4	1746	1901
278	1	224	553

Table 3

278	5	3299	3448	
+-----+	+-----+	+-----+	+-----+	+
278	7	4849	5127	
+-----+	+-----+	+-----+	+-----+	+
285	2	551	763	
+-----+	+-----+	+-----+	+-----+	+
288	3	1756	1950	
+-----+	+-----+	+-----+	+-----+	+
288	5	2055	2276	
+-----+	+-----+	+-----+	+-----+	+
289	1	2107	1055	
+-----+	+-----+	+-----+	+-----+	+
290	2	2234	1932	
+-----+	+-----+	+-----+	+-----+	+
291	2	332	622	
+-----+	+-----+	+-----+	+-----+	+
291	5	1545	2051	
+-----+	+-----+	+-----+	+-----+	+
295	3	1606	1349	
+-----+	+-----+	+-----+	+-----+	+

Table 3

S. aureus - Putative coding regions of novel proteins not similar to known proteins

Contig	ORF	Start	Stop	ID	ID (nt)	(nt)
295	4	2728	2141			
295	5	2220	2762			
297	2	788	465			
298	1	2	205			
300	2	2380	1928			
301	7	2794	2624			
304	1	3	194			
306	1	109	654			
306	5	4036	4257			
307	1	674	339			
307	8	3645	3995			
308	1	1	654			
308	2	1120	599			
308	4	2643	2332			
313	2	2314	1919			
314	1	10	702			
316	2	982	1341			

Table 3

	316		6		2758		3165	
+	-----+	+	-----+	+	-----+	+	-----+	+
	317		1		2		1114	
+	-----+	+	-----+	+	-----+	+	-----+	+
	317		3		4570		3458	
+	-----+	+	-----+	+	-----+	+	-----+	+
	321		6		5645		5217	
+	-----+	+	-----+	+	-----+	+	-----+	+
	321		7		6319		6140	
+	-----+	+	-----+	+	-----+	+	-----+	+
	321		8		7450		6794	
+	-----+	+	-----+	+	-----+	+	-----+	+
	322		2		827		543	
+	-----+	+	-----+	+	-----+	+	-----+	+
	326		2		165		1112	
+	-----+	+	-----+	+	-----+	+	-----+	+
	326		3		1117		1467	
+	-----+	+	-----+	+	-----+	+	-----+	+
	328		1		936		469	
+	-----+	+	-----+	+	-----+	+	-----+	+

Table 3

S. aureus- Putative coding regions of novel proteins not similar to known proteins

Contig	ORF	Start	Stop
ID	ID	(nt)	(nt)
328	5	3452	3276
329	1	3	719
329	2	781	1212
29	3	1471	1833
330	1	576	289
330	3	1447	1623
332	3	2353	2204
332	7	4971	5138
333	2	3295	3128
335	1	864	433
337	2	95	526
340	2	1658	1356
341	1	3	281
341	3	2476	3192
341	5	3618	3944
341	6	3929	4558
344	5	3197	2889

Table 3

	345		1		1532		768	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	346		2		221		592	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	350		3		1410		1598	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	352		2		2178		1765	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	352		3		7316		4596	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	352		7		7967		8404	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	352		8		8906		9247	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	352		9		10171		9854	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	359		1		1		546	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	362		1		3		656	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+

Table 3

S. aureus - Putative coding regions of novel proteins not similar to known proteins

	Contig	ORF	Start	Stop
ID	ID	(nt)	(nt)	
364	2	2158	1808	
364	8	10974	10714	
365	2	1612	1313	
365	5	4680	4090	
365	7	4980	6239	
366	3	520	1719	
367	3	906	1085	
368	1	748	494	
375	1	2	136	
380	3	1351	1097	
389	1	1	276	
390	1	2	877	
390	2	1373	1549	
391	2	751	560	
395	1	391	197	
396	1	2132	1068	
398	3	1344	1141	

Table 3

	399		1		178		669	
+	-----	+	-----	+	-----	+	-----	+
	401		3		566		847	
+	-----	+	-----	+	-----	+	-----	+
	402		2		100		465	
+	-----	+	-----	+	-----	+	-----	+
	404		8		5561		5370	
+	-----	+	-----	+	-----	+	-----	+
	408		2		3507		2269	
+	-----	+	-----	+	-----	+	-----	+
	408		3		2875		2672	
+	-----	+	-----	+	-----	+	-----	+
	408		15		3524		4423	
+	-----	+	-----	+	-----	+	-----	+
	410		3		2111		1890	
+	-----	+	-----	+	-----	+	-----	+
	413		1		880		488	
+	-----	+	-----	+	-----	+	-----	+
	416		1		607		320	
+	-----	+	-----	+	-----	+	-----	+

Table 3

S. aureus- Putative coding regions of novel proteins not similar to known proteins

Contig	ORF	Start	Stop
ID	ID	(nt)	(nt)
416	2	578	847
416	3	2195	1590
417	1	3	179
417	2	161	616
420	2	788	513
422	2	357	677
431	2	856	1047
432	2	446	1084
433	1	1	417
433	3	2311	2033
434	1	942	535
434	2	2089	1235
440	1	1	450
442	2	1269	3320
443	3	1873	1520
444	1	1	696
444	7	6761	6366

Table 3

	451		1		940		614	
+	-----+	+	-----+	+	-----+	+	-----+	+
	453		2		896		636	
+	-----+	+	-----+	+	-----+	+	-----+	+
	453		8		3833		4786	
+	-----+	+	-----+	+	-----+	+	-----+	+
	453		9		4718		4512	
+	-----+	+	-----+	+	-----+	+	-----+	+
	453		10		4937		4731	
+	-----+	+	-----+	+	-----+	+	-----+	+
	455		1		434		219	
+	-----+	+	-----+	+	-----+	+	-----+	+
	455		2		472		930	
+	-----+	+	-----+	+	-----+	+	-----+	+
	459		1		265		687	
+	-----+	+	-----+	+	-----+	+	-----+	+
	462		1		2		247	
+	-----+	+	-----+	+	-----+	+	-----+	+
	466		2		1494		907	
+	-----+	+	-----+	+	-----+	+	-----+	+

Table 3

S. aureus- Putative coding regions of novel proteins not similar to known proteins

Contig	ORF	Start	Stop
ID	ID	(nt)	(nt)
467	1	654	349
468	1	2	250
469	1	1488	925
469	3	2386	3372
469	4	3464	3706
470	1	77	538
470	6	4098	3694
470	7	6330	5686
470	9	7351	8181
470	10	8175	9773
471	1	940	500
471	2	1562	1017
476	1	70	267
477	1	2	760
477	3	1764	2081
477	4	2066	2332
480	5	4016	4261

Table 3

	481		2		956		480	
+	-----	+	-----	+	-----	+	-----	+
	486		3		613		774	
+	-----	+	-----	+	-----	+	-----	+
	487		6		1795		2112	
+	-----	+	-----	+	-----	+	-----	+
	488		1		715		359	
+	-----	+	-----	+	-----	+	-----	+
	492		1		127		675	
+	-----	+	-----	+	-----	+	-----	+
	493		1		2		520	
+	-----	+	-----	+	-----	+	-----	+
	493		2		496		1242	
+	-----	+	-----	+	-----	+	-----	+
	502		3		1149		1571	
+	-----	+	-----	+	-----	+	-----	+
	504		1		690		346	
+	-----	+	-----	+	-----	+	-----	+
	505		5		4566		4150	
+	-----	+	-----	+	-----	+	-----	+

Table 3

S. aureus- Putative coding regions of novel proteins not similar to known proteins

Contig	ORF	Start	Stop
ID	ID	(nt)	(nt)
511	2	1741	1232
512	2	583	747
515	1	609	812
517	4	2179	2511
520	4	2097	2360
520	6	3908	3669
527	1	1	498
528	1	637	335
529	2	1679	1104
530	7	5298	5534
536	1	308	156
538	1	1362	736
538	3	2203	2880
538	5	3531	3121
538	6	4348	3731
540	1	996	664
540	2	1495	1031

Table 3

	541		1		89		433	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	541		2		719		432	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	542		2		1048		1272	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	545		2		1012		734	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	551		1		2145		1129	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	555		2		892		704	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	558		3		1357		1154	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	558		4		1760		1458	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	558		5		2105		1821	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	558		6		2166		2020	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+

Table 3

S. aureus - Putative coding regions of novel proteins not similar to known proteins

Contig	ORF	Start	Stop
ID	ID	(nt)	(nt)
558	7	2636	2322
558	8	3053	2802
558	19	3986	3453
560	1	475	921
565	3	1706	1485
571	1	308	156
571	3	994	1206
577	1	2	199
577	2	163	453
579	1	1	477
579	2	1784	1200
583	1	1988	996
585	1	946	539
587	1	22	573
588	2	1896	1372
588	3	1742	1554
590	1	47	334

Table 3

	592		2		1455		1141	
+	-----	+	-----	+	-----	+	-----	+
	593		1		2		1775	
+	-----	+	-----	+	-----	+	-----	+
	593		2		817		1122	
+	-----	+	-----	+	-----	+	-----	+
	595		1		87		890	
+	-----	+	-----	+	-----	+	-----	+
	596		3		1593		1435	
+	-----	+	-----	+	-----	+	-----	+
	602		1		8		169	
+	-----	+	-----	+	-----	+	-----	+
	603		5		1071		1469	
+	-----	+	-----	+	-----	+	-----	+
	606		1		322		768	
+	-----	+	-----	+	-----	+	-----	+
	607		5		1444		1226	
+	-----	+	-----	+	-----	+	-----	+
	610		1		1029		1541	
+	-----	+	-----	+	-----	+	-----	+

Table 3

S. aureus - Putative coding regions of novel proteins not similar to known proteins

Contig	ORF	Start	Stop
ID	ID	(nt)	(nt)
612	1	3	500
616	1	991	650
617	2	736	491
622	1	36	347
625	4	2046	2549
627	1	67	210
628	1	901	452
631	3	4789	4004
634	1	1448	759
636	1	189	368
636	2	1929	1063
637	2	2323	1994
638	1	227	1081
639	1	518	261
639	2	187	811
641	1	118	444
642	3	1615	1331

Table 3

	642		4		2260		1847	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	643		1		3		608	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	645		4		1534		1758	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	645		6		2025		2321	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	645		7		2940		2488	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	648		1		2		1045	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	660		1		77		601	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	660		2		576		872	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	661		1		1725		961	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	664		2		89		304	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	-----+

Table 3

S. aureus - Putative coding regions of novel proteins not similar to known proteins

Contig	ORF	Start	Stop
ID	ID	(nt)	(nt)
667	1	3	413
668	1	1	330
671	2	812	516
673	1	3	338
674	2	865	584
679	1	1	237
679	3	1589	1906
688	1	1236	835
688	2	1352	1077
694	1	3	143
696	2	818	432
706	1	367	224
709	3	1183	1449
711	1	3	908
715	1	3	167
716	1	2	637
721	1	133	570

Table 3

	722		1		763		383	
+	-----	+	-----	+	-----	+	-----	+
	723		1		1656		829	
+	-----	+	-----	+	-----	+	-----	+
	723		2		1498		1112	
+	-----	+	-----	+	-----	+	-----	+
	727		1		2		472	
+	-----	+	-----	+	-----	+	-----	+
	729		1		268		441	
+	-----	+	-----	+	-----	+	-----	+
	731		1		130		828	
+	-----	+	-----	+	-----	+	-----	+
	735		1		2		214	
+	-----	+	-----	+	-----	+	-----	+
	736		1		3		782	
+	-----	+	-----	+	-----	+	-----	+
	738		1		2		298	
+	-----	+	-----	+	-----	+	-----	+
	742		1		3		230	
+	-----	+	-----	+	-----	+	-----	+

Table 3

S. aureus - Putative coding regions of novel proteins not similar to known proteins

Contig	ORF	Start	Stop
ID	ID	(nt)	(nt)
745	3	1148	780
748	2	282	464
749	1	685	344
751	1	901	452
755	1	97	522
755	2	520	918
758	2	663	400
764	2	1033	746
767	1	1	405
768	1	2	373
771	1	1058	534
778	1	1735	902
785	1	1790	1023
787	1	1260	631
791	1	3	224
799	1	15	260
804	1	304	711

Table 3

805	1	3	680	
+	+	+	+	+
808	1	219	842	
+	+	+	+	+
810	1	2221	1112	
+	+	+	+	+
810	2	1774	1442	
+	+	+	+	+
812	1	38	979	
+	+	+	+	+
817	1	714	358	
+	+	+	+	+
818	2	487	1104	
+	+	+	+	+
819	2	1529	1032	
+	+	+	+	+
819	3	1748	1419	
+	+	+	+	+
820	1	195	1064	
+	+	+	+	+

Table 3

S. aureus - Putative coding regions of novel proteins not similar to known proteins

	Contig	ORF	Start	Stop
	ID	ID	(nt)	(nt)
	828	1	506	255
	829	1	48	800
	830	1	578	291
	832	1	594	298
	835	1	320	796
	840	3	491	1709
	845	1	912	457
	850	2	303	449
	853	1	715	359
	860	1	2	256
	864	1	18	410
	864	2	383	715
	864	6	1676	1828
	870	1	1	588
	873	1	906	454
	875	1	584	294
	877	1	1661	1020

Table 3

878	1	981	544	
+-----+	+-----+	+-----+	+-----+	+
879	1	1567	785	
+-----+	+-----+	+-----+	+-----+	+
881	1	1	243	
+-----+	+-----+	+-----+	+-----+	+
882	1	389	604	
+-----+	+-----+	+-----+	+-----+	+
890	1	2	508	
+-----+	+-----+	+-----+	+-----+	+
905	1	793	398	
+-----+	+-----+	+-----+	+-----+	+
906	1	852	544	
+-----+	+-----+	+-----+	+-----+	+
912	1	373	188	
+-----+	+-----+	+-----+	+-----+	+
913	1	3	290	
+-----+	+-----+	+-----+	+-----+	+
913	2	1092	547	
+-----+	+-----+	+-----+	+-----+	+

Table 3

S. aureus- Putative coding regions of novel proteins not similar to known proteins

Contig	ORF	Start	Stop
ID	ID	(nt)	(nt)
915	1	6	161
915	2	18	402
921	1	126	386
927	1	1578	808
928	1	2	385
929	1	2	400
932	1	2	400
934	1	1	384
936	1	1052	528
937	1	2	616
945	1	220	645
945	2	649	1242
946	1	1702	950
949	1	1	270
951	1	3	362
955	1	3	143
960	1	723	400

Table 3

	963		1		1		162	
+	-----+	+	-----+	+	-----+	+	-----+	+
	965		1		690		346	
+	-----+	+	-----+	+	-----+	+	-----+	+
	966		1		1079		606	
+	-----+	+	-----+	+	-----+	+	-----+	+
	969		1		3		302	
+	-----+	+	-----+	+	-----+	+	-----+	+
	971		1		12		170	
+	-----+	+	-----+	+	-----+	+	-----+	+
	974		1		319		161	
+	-----+	+	-----+	+	-----+	+	-----+	+
	976		1		692		348	
+	-----+	+	-----+	+	-----+	+	-----+	+
	977		1		2		211	
+	-----+	+	-----+	+	-----+	+	-----+	+
	982		1		1926		982	
+	-----+	+	-----+	+	-----+	+	-----+	+
	984		1		589		296	
+	-----+	+	-----+	+	-----+	+	-----+	+

Table 3

S. aureus - Putative coding regions of novel proteins not similar to known proteins

Contig	ORF	Start	Stop	ID	ID	(nt)	(nt)
987	1	3	467	993	1	1	525
994	1	920	549	1004	1	557	318
1014	1	624	313	1015	1	2	463
1016	1	288	145	1019	1	1205	660
1022	1	839	474	1024	1	595	299
1024	2	276	431	1030	1	673	338
1032	1	355	179	1040	1	794	989
1043	1	3	269	1044	2	115	399
1047	1	1	159				

Table 3

	1051		1		704		354	
+	-----	+	-----	+	-----	+	-----	+
	1051		2		1233		733	
+	-----	+	-----	+	-----	+	-----	+
	1063		1		2		400	
+	-----	+	-----	+	-----	+	-----	+
	1069		1		2		148	
+	-----	+	-----	+	-----	+	-----	+
	1069		2		769		33	
+	-----	+	-----	+	-----	+	-----	+
	1075		1		707		399	
+	-----	+	-----	+	-----	+	-----	+
	1077		1		97		405	
+	-----	+	-----	+	-----	+	-----	+
	1081		1		58		438	
+	-----	+	-----	+	-----	+	-----	+
	1086		1		1		384	
+	-----	+	-----	+	-----	+	-----	+
	1087		2		246		431	
+	-----	+	-----	+	-----	+	-----	+

Table 3

S. aureus - Putative coding regions of novel proteins not similar to known proteins

Contig	ORF	Start	Stop
ID	ID	(nt)	(nt)
1088	1	3	374
1096	1	474	238
1098	1	1015	509
1100	1	1020	511
1100	2	1520	1158
1101	1	703	353
1102	1	385	194
1107	1	2	580
1114	1	3	422
1115	1	2	268
1119	1	22	267
1129	1	40	342
1132	1	360	181
1133	1	609	376
1144	1	446	225
1147	1	558	280
1153	1	1	153

Table 3

	1154		1		3		818	
+	-----	+	-----	+	-----	+	-----	+
	1159		1		1		330	
+	-----	+	-----	+	-----	+	-----	+
	1161		1		341		186	
+	-----	+	-----	+	-----	+	-----	+
	1164		1		427		254	
+	-----	+	-----	+	-----	+	-----	+
	1171		1		19		240	
+	-----	+	-----	+	-----	+	-----	+
	1171		2		108		299	
+	-----	+	-----	+	-----	+	-----	+
	1183		1		2		379	
+	-----	+	-----	+	-----	+	-----	+
	1195		1		355		179	
+	-----	+	-----	+	-----	+	-----	+
	1196		1		1		189	
+	-----	+	-----	+	-----	+	-----	+
	1200		1		33		197	
+	-----	+	-----	+	-----	+	-----	+

Table 3

S. aureus – Putative coding regions of novel proteins not similar to known proteins

Contig	ORF	Stat	Stop
ID	ID	(nt)	(nt)
1203	2	129	464
1222	2	105	401
1232	1	1	387
1240	1	2	175
1247	1	520	311
1271	1	412	221
1286	1	2	595
1295	1	1	165
1306	1	367	185
1314	2	158	631
1316	1	58	570
1359	1	384	193
1370	1	1	402
1371	1	1	345
1374	1	710	357
1378	1	2	400
1392	1	3	413

Table 3

	1411		1		202		432	
+	-----	+	-----	+	-----	+	-----	+
	1433		1		331		167	
+	-----	+	-----	+	-----	+	-----	+
	1450		1		2		256	
+	-----	+	-----	+	-----	+	-----	+
	1453		1		295		149	
+	-----	+	-----	+	-----	+	-----	+
	1471		1		1721		398	
+	-----	+	-----	+	-----	+	-----	+
	1477		1		869		639	
+	-----	+	-----	+	-----	+	-----	+
	1502		1		794		399	
+	-----	+	-----	+	-----	+	-----	+
	1518		1		126		449	
+	-----	+	-----	+	-----	+	-----	+
	1534		1		283		143	
+	-----	+	-----	+	-----	+	-----	+
	1546		1		3		401	
+	-----	+	-----	+	-----	+	-----	+

Table 3

S. aureus - Putative coding regions of novel proteins not similar to known proteins

Contig	ORF	Start	Stop
ID	ID	(nt)	(nt)
1547	1	506	255
1583	1	3	350
1587	1	3	563
1602	2	170	679
1629	1	1	402
1665	1	468	235
1760	1	625	314
1762	1	3	200
1876	2	119	286
1895	1	2	379
1931	1	798	400
1976	2	715	383
2055	2	252	401
2056	1	331	167
2150	1	523	263
2157	1	794	399
2164	1	564	283

Table 3

	2175	1		218		400	
+	-----	+	-----	+	-----	+	-----
	2212	1		492		331	
+	-----	+	-----	+	-----	+	-----
	2338	1		732		367	
+	-----	+	-----	+	-----	+	-----
	2342	1		3		167	
+	-----	+	-----	+	-----	+	-----
	2352	1		330		166	
+	-----	+	-----	+	-----	+	-----
	2352	2		622		398	
+	-----	+	-----	+	-----	+	-----
	2355	1		47		352	
+	-----	+	-----	+	-----	+	-----
	2356	1		679		341	
+	-----	+	-----	+	-----	+	-----
	2359	1		301		152	
+	-----	+	-----	+	-----	+	-----
	2421	1		296		150	
+	-----	+	-----	+	-----	+	-----

Table 3

S. aureus - Putative coding regions of novel proteins not similar to known proteins

Contig	ORF	Start	Stop	ID	ID	(nt)	(nt)
2422	1	569	86	2443	1	427	263
2454	1	3	158	2463	1	504	253
2485	1	3	374	2557	1	488	246
2575	1	2	355	2582	1	3	284
2607	1	1	294	2930	1	17	400
2939	1	466	242	2944	1	3	359
2945	2	701	399	292	1	2	190
2953	1	737	399	2964	1	330	166
2969	1	284	144				

Table 3

	2977		1		2		373	
+	-----	+	-----	+	-----	+	-----	+
	2981		2		501		334	
+	-----	+	-----	+	-----	+	-----	+
	2986		1		7		279	
+	-----	+	-----	+	-----	+	-----	+
	2991		1		608		363	
+	-----	+	-----	+	-----	+	-----	+
	295		1		1		321	
+	-----	+	-----	+	-----	+	-----	+
	3007		1		343		191	
+	-----	+	-----	+	-----	+	-----	+
	3017		1		568		308	
+	-----	+	-----	+	-----	+	-----	+
	3018		2		136		351	
+	-----	+	-----	+	-----	+	-----	+
	3025		1		391		197	
+	-----	+	-----	+	-----	+	-----	+
	3040		1		356		180	
+	-----	+	-----	+	-----	+	-----	+

Table 3

S. aureus - Putative coding regions of novel proteins not similar to known proteins

Contig	ORF	Start	Stop
ID	ID	(nt)	(nt)
3046	1	367	185
3049	1	553	278
3050	1	3	314
3052	1	504	253
3065	1	2	157
3070	1	357	190
3075	1	440	222
3080	1	1	285
3092	1	320	162
3093	1	411	250
3100	1	52	237
3103	1	47	298
3118	1	344	174
3123	1	2	145
3127	1	1	147
3138	1	336	169
3142	1	388	203

Table 3

	3144		1		664		386	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	3151		1		337		170	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	3155		2		202		384	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	3168		1		12		176	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	3205		1		288		145	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	3282		1		1		150	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	3303		2		239		400	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	3371		2		211		399	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	3558		1		2		148	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	3558		2		36		401	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+

Table 3

S. aureus - Putative coding regions of novel proteins not similar to known proteins

Contig	ORF	Start	Stop
ID	ID	(nt)	(nt)
3568	1	751	377
3595	1	757	380
3618	1	2	238
3618	2	130	402
3622	1	86	358
3622	2	664	398
3642	1	876	439
3649	1	781	398
3651	1	625	314
3664	1	467	637
3674	1	55	402
3677	1	619	311
3704	1	1	402
3726	1	535	269
3765	1	510	256
3779	1	554	357
3794	1	266	135

Table 3

	3794		2		667		377	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	3796		2		638		375	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	3801		1		474		262	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	3806		1		453		298	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	3807		1		42		389	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	3815		1		798		400	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	3827		1		3		320	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	3842		1		781		392	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	3853		1		671		399	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	3855		1		1		324	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	-----+

Table 3

S. aureus- Putative coding regions of novel proteins not similar to known proteins

Contig	ORF	Start	Stop
ID	ID	(nt)	(nt)
3857	1	2	235
3861	1	590	297
3865	1	695	399
3897	1	3	173
3897	2	143	400
3898	2	225	401
3921	2	103	342
3927	1	70	375
3930	1	76	234
3946	2	651	382
3951	2	105	377
3965	1	646	344
3973	1	795	400
3981	1	3	311
3998	1	3	356
4001	1	481	296
4003	1	90	335

Table 3

	4018		1		2		259	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	4018		2		186		401	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	4021		1		1		345	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	4043		1		3		344	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	4054		1		3		344	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	4066		1		1		150	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	4070		1		1		324	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	4072		2		187		390	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	4073		1		1		285	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	4077		2		127		372	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+

Table 3

S. aureus - Putative coding regions of novel proteins not similar to known proteins

+	-----+	-----+	-----+	-----+	-----+		
	Contig	ORF		Start		Stop	
	ID	ID		(nt)		(nt)	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	4083		1		3		359
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	4090		1		27		368
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	4101		1		103		297
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	4105		1		1		306
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	4107		1		570		286
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	4119		1		629		339
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	4121		1		740		372
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	4123		1		3		230
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	4127		1		3		341
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	4128		1		2		331
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	4130		1		768		415
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	4146		1		97		381
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	4157		1		3		206
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	4186		1		505		254
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	4224		1		510		256
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	4239		1		1		348
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+
	4242		1		09		356
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+

Table 3

	4252		1		589		296	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	4253		1		1		174	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	4256		1		568		323	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	4258		2		498		334	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	4267		1		284		144	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	4271		1		2		304	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	4287		1		303		163	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	4289		1		71		319	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	4302		1		153		305	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	4304		1		1		186	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+

Table 3

S. aureus- Putative coding regions of novel proteins not similar toknown proteins

+	-----+	+	-----+	+	-----+	+
	Contig	ORF		Start		Stop
	ID	ID		(nt)		(nt)
+	-----+	+	-----+	+	-----+	+
	4304	2		96		314
+	-----+	+	-----+	+	-----+	+
	4306	1		2		151
+	-----+	+	-----+	+	-----+	+
	4318	1		576		289
+	-----+	+	-----+	+	-----+	+
	4322	1		5		148
+	-----+	+	-----+	+	-----+	+
	4331	1		439		221
+	-----+	+	-----+	+	-----+	+
	4331	2		528		364
+	-----+	+	-----+	+	-----+	+
	4338	1		728		399
+	-----+	+	-----+	+	-----+	+
	4346	1		471		277
+	-----+	+	-----+	+	-----+	+
	4367	2		117		311
+	-----+	+	-----+	+	-----+	+
	4373	1		2		268
+	-----+	+	-----+	+	-----+	+
	4381	1		574		326
+	-----+	+	-----+	+	-----+	+
	4384	1		614		309
+	-----+	+	-----+	+	-----+	+
	4397	1		9		311
+	-----+	+	-----+	+	-----+	+
	4402	1		1		249
+	-----+	+	-----+	+	-----+	+
	4403	1		606		328
+	-----+	+	-----+	+	-----+	+
	4406	1		3		317
+	-----+	+	-----+	+	-----+	+
	4411	1		2		280
+	-----+	+	-----+	+	-----+	+

Table 3

	4411		2		697		398	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	4412		1		2		364	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	4418		1		3		230	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	4424		1		601		398	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	4443		1		427		215	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	4471		1		643		323	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	4478		1		540		271	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	4482		1		50		289	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	4489		1		601		302	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+
	4491		1		12		206	
+	-----+	-----+	-----+	-----+	-----+	-----+	-----+	+

Table 3

S. aureus - Putative coding regions of novel proteins not similar to known proteins

Contig	ORF	Start	Stop
ID	ID	(nt)	(nt)
4495	1	3	179
4496	1	500	252
4500	1	130	306
4511	1	493	248
4518	1	1	246
4526	1	480	241
4527	1	2	163
4532	1	3	239
4542	1	11	175
4567	1	36	200
4573	1	1	231
4578	1	642	322
4619	1	1	180
4620	1	349	176
4662	1	1	246
4669	1	2	157
4680	1	28	183

Table 3

	4690		1		344		174	
+	-----	+	-----	+	-----	+	-----	+

Table 3